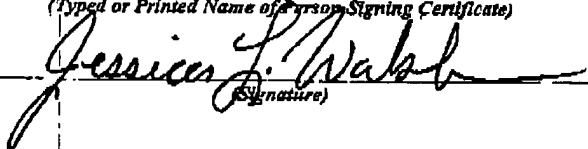
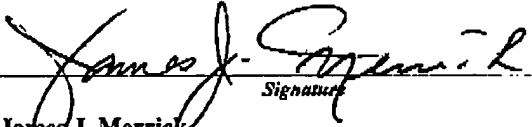


JAN. 13. 2005. 11:35AM CANTOR COLBURN LLP 860-286-0115

NO. 334 P.1 JAN 13 2005

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. 132231-1	
Applicant(s): JAMES MICHAEL STOREY				
Application No. 10/711,221	Filing Date 09/02/2004	Examiner W. RODRIGUEZ		Group Art Unit 3746
Invention: CONCNTRIC FIXED DILUTION AND VARIABLE BYPASS AIR INJECTION FOR A COMBUSTOR				
<p>I hereby certify that this <u>Transmittal and Response to 45 Day Notice</u> <small>(Identify type of correspondence)</small> is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>01/13/2005</u> <small>(Date)</small></p> <p style="text-align: right;"> <u>Jessica L. Walsh</u> <small>(Typed or Printed Name of Person Signing Certificate)</small>  <small>(Signature)</small> </p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. 132231-1				
In Re Application Of: JAMES MICHAEL STOREY								
Application No. 10/711,221	Filing Date 09/02/2004	Examiner W. Rodriguez	Customer No. 23413	Group Art Unit 3746	Confirmation No. 5220			
Title: CONCENTRIC FIXED DILUTION AND VARIABLE BYPASS AIR INJECTION FOR A COMBUSTOR								
<u>COMMISSIONER FOR PATENTS:</u>								
Transmitted herewith is: Response to Request for Applicant Statement Regarding Potential NASA Interest Letter								
in the above identified application.								
<input checked="" type="checkbox"/> No additional fee is required. <input type="checkbox"/> A check in the amount of _____ is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 06-1130 as described below. <input type="checkbox"/> Charge the amount of _____ <input type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.								
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
 _____ Signature			Dated: 1/13/2005					
James J. Merrick Reg. No. 43,801 Cantor Colburn LLP 55 Griffin Road South Bloomfield, CT 06002 860-286-2929			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date)</td> </tr> <tr> <td style="padding: 5px;">Signature of Person Mailing Correspondence</td> </tr> <tr> <td style="padding: 5px;">Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date)	Signature of Person Mailing Correspondence	Typed or Printed Name of Person Mailing Correspondence
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date)								
Signature of Person Mailing Correspondence								
Typed or Printed Name of Person Mailing Correspondence								
cc:								

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NO. 334 P. 3

JAN 13 2005

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10711221	09/02/2004	James Michael Storey	132231-1

CANTOR COLBURN, LLP
55 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002

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CANTOR COLBURN LLP

EXAMINER	
ART UNIT	PAPER NUMBER
PATENT & TRADEMARK OFFICE	

DATE MAILED: MAILED

NOV 30 2004

LICENSING & REVIEW

**IF NO RESPONSE TO THIS NOTICE IS RECEIVED WITHIN FORTY-FIVE DAYS, A
FORMAL REQUIREMENT WILL BE ISSUED**

The subject matter of this application appears to:

☐ be "useful in the production or utilization of special nuclear material or atomic energy" as recited in 42 U.S.C. 2182 (Department of Energy (DOE)).☒ "have significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. 2457 (National Aeronautics and Space Administration (NASA)).

Accordingly, no patent can issue on this application unless applicant(s) file a statement (under oath or in the form of a declaration as provided by 37 CFR 1.68) setting forth (1) the full facts concerning the circumstances under which the invention was made and conceived and (2) the relationship (if any) of the invention to the performance of any work under any contract or other arrangement with the Agency(ies) noted above. On the reverse side of this form is an example of an acceptable format for this statement. The language appearing in paragraphs III and/or IV of the example must appear if applicant is attempting to establish that no relationship (under item 2 above) exists.

If the invention disclosed in this application was developed under a contract, grant or cooperative agreement between the Agency indicated above and a person, small business or non-profit organization and rights to the invention have been determined by specific reference to 35 U.S.C. 202 in the contract, grant or cooperative agreement, then applicant need not submit the statement described above. Instead, applicant may file a verified statement (under oath or in the form of a declaration, 37 CFR 1.68) setting forth the information required by 35 U.S.C. 202(c)(6).

IF NO STATEMENT HAS BEEN RECEIVED WITHIN FORTY-FIVE DAYS OF THE MAIL DATE INDICATED ABOVE, a formal requirement for statement will then be issued. No provision is made for extension of the statutory thirty-day period for response to the formal requirement and the penalty for failure to file an acceptable and timely statement is abandonment of the application. Therefore, applicants are strongly encouraged to submit a statement at this time in order to avoid the issuance of a formal requirement.

IT IS IMPORTANT TO NOTE that the statement must accurately represent the property rights situation of the claimed invention if and when the application is found allowable. Thus, if during prosecution before the examiner, the claimed invention is so altered or the property rights situation so changed as to impact the accuracy of a statement submitted earlier, a supplemental statement must be filed. Failure to submit such additional information where appropriate may be considered a false representation of material facts and render the patent owner vulnerable to loss of patent rights and other sanctions as set forth in the statutes. The PTO will not review allowed applications for this possibility. The responsibility for complying with the statutes rests with the applicants.

Any questions regarding this requirement should be directed to Licensing and Review at (202) 512-1111

**PLEASE DIRECT ALL COMMUNICATIONS RELATING TO THIS MATTER TO THE
ATTENTION OF LICENSING AND REVIEW**

651-0431

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The following is an example of an acceptable property rights statement. Statements of this type are, of course, only suitable for situations in which NO Agency funds or other considerations were involved in the making or conception of the invention. While this example is in the form of a declaration, a sworn document is equally acceptable.

I (We) James Michael Storey
 citizens of United States of America
 residing at 1503 Winding Way, Taylors, SC 29687
 declare:

That I (we) made and conceived the invention described and claimed in patent application:

Serial Number 132231-1 filed in the United States of America on 2-Sep-2004
 titled "Concentric Fixed Dilution of Variable Bypass Air Injection for Catalytic Conversion"

(Check and complete either I or II below)

(Check III and/or IV below as appropriate)

☒ I. (For Inventors Employed by an Organization) That I (we) made and conceived this invention while employed by GE Power Systems. That the invention is related to the work I am (we are) employed to perform and was made within the scope of my (our) employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of GE Power Systems. Other relevant facts are _____
(name of employer)

That to the best of my (our) knowledge and belief:

☒ III. The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

—AND/OR—

☒ IV. The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

That to the best of my (our) knowledge and belief (and/or based upon information provided by _____ of _____:

—OR—

☐ II. (For Self-Employed Inventors) That I (we) made and conceived this invention on my (our) own time using only my (our) own facilities, equipment, materials, funds, information and services. Other relevant facts are _____

The undersigned inventor(s) declare further that all statements made herein of his or her (their) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: James Michael Storey

Post Office Address: 1503 Winding Way, Taylors, SC 29687

Date: 13-Jan-2005

Inventor's Signature: _____

Post Office Address: _____

Date: _____